

Converting Colors

CIELCh(63, 14.045, 188.722)

Have a look what the booklet for
CIELCh(63, 14.045, 188.722)
contains.

CIELCh(63, 13.976, 188.924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 13.976, 188.924)

Conversions

Conversions Part 1

Format	Color
Hex	7AA09C
RGB	122, 160, 156
RGB Percent	48%, 63%, 61%
CMY	0.5223, 0.3733, 0.3890
CMYK	0.24, 0.00, 0.03, 0.37
HSL	174°, 17%, 55%
HSV	174°, 24%, 63%
XYZ	26.5166, 31.5869, 36.0614
YIQ	148.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

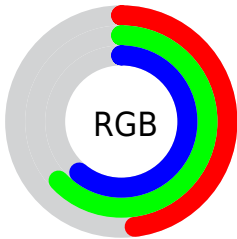
Format	Color
RYB	122, 142, 160
Decimal	8036508
CIELab	63.00, -13.81, -2.17
CIElCh	63, 13.976, 188.924
Yxy	31.5869, 0.2816, 0.3354
Android (android.graphics.Color)	4286226588 (0xFF7AA09C)
YUV	148.1820, 3.8543, -22.9616
Hunter-Lab	56.2022, -14.1365, 1.2990

Details

The CIELCh color **63, 13.976, 188.924** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 15.815, 12.949**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 14.196, 187.647**, and **43, 13.744, 190.199** is the 20% darker color. If you saturate the color by 10%, you get **62, 19.274, 188.117**, and if you desaturate by 10%, it is **64, 8.292, 189.720**.

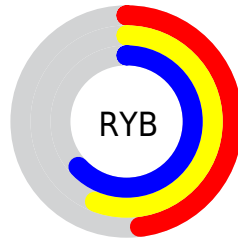
Distribution



Red (48%)

Green (63%)

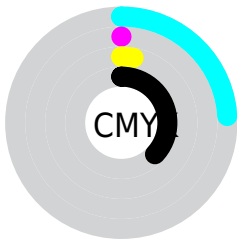
Blue (61%)



Red (48%)

Yellow (56%)

Blue (63%)

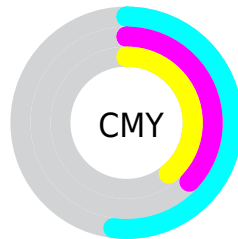


Cyan (24%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (52%)


Magenta (37%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.976, 188.924 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 63, 13.976, 188.924 by changing the saturation by 10% instead.


 63, 13.976,
188.924


 63, 13.976,
188.924


 100, 13.976,
188.924


 53, 13.976,
188.924


 83, 13.976,
188.924

 43, 13.976,
188.924

 93, 13.976,
188.924

 33, 13.976,
188.924

 23, 13.976,
188.924

 13, 13.976,
188.924

 3, 13.976, 188.924

 0, 13.976, 188.924

63, 13.976,
188.924

63, 13.976,
188.924

62, 19.274,
188.117

64, 8.292, 189.720

61, 24.083,
187.296

65, 2.314, 190.627

67, 3.870, 11.070

61, 28.311,
186.447

68, 10.186, 11.888

60, 31.878,
185.555

70, 16.571, 12.640

71, 22.977, 13.371

60, 34.731,
184.604

73, 29.364, 14.087

59, 36.857,
183.578

75, 35.706, 14.787

76, 37.806, 14.121

59, 38.293,
182.459

59, 38.995,

181.745

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63, 13.976, 188.924



55, 15.815, 12.949

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63, 13.976, 188.924



63, 13.976, 238.924



63, 13.976, 8.924



63, 13.976, 58.924

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63, 13.977, 188.920



82, 5.257, 190.280



62, 25.030, 139.940



44, 3.440, 190.231



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 13.977, 188.920



79, 20.669, 188.459



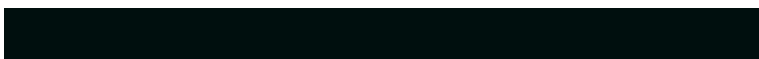
59, 11.540, 244.769



33, 3.403, 190.095



53, 35.873, 181.870



3, 4.559, 188.997

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55, 15.815, 12.949



67, 24.176, 13.683



59, 12.864, 59.623



31, 3.563, 11.405



29, 63.469, 34.567



1, 4.528, 11.157

Previews

White Background



This preview shows how the CIELCh color 63, 13.976, 188.924 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 13.976, 188.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

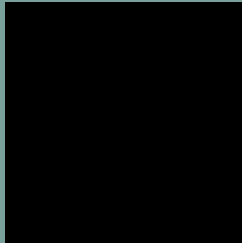
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

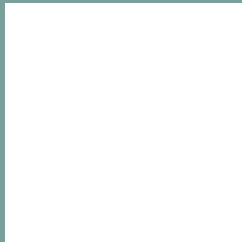
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 13.976, 188.924

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.976, 188.924.



This preview shows how white text looks on a background with the CIELCh color 63, 13.976, 188.924.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
63, 13.976, 188.924

Protanopia
63, 1.548, 19.262

Deuteranopia
63, 9.006, 337.209



Tritanopia
63, 13.123, 229.486

Trichromacy



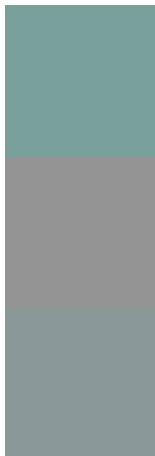
Original Color
63, 13.976, 188.924

Protanomaly
63, 4.208, 191.468

Deuteranomaly
63, 3.005, 268.362

Tritanomaly
63, 12.713, 213.787

Monochromacy



Original Color
63, 13.976, 188.924

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.323, 192.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.976, 188.924 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(122, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(122, 160, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(122, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 160, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.976, 188.924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 160, 156) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(122, 160, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(122, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(122, 160,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.976, 188.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 160, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(122,  
160, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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